

# FOLIO

## Marathon of Hope Extends to University

The reverberations from Terry Fox's Marathon of Hope have reached The University of Alberta. At this time last year, Terry Fox was completing the stretch from Edmundston, New Brunswick, to Montmagny, Quebec. This portion of his heroic odyssey generated \$1 million for cancer research. On 16 June 1981, that sum was granted to Verner Paetkau, Professor of Biochemistry and Immunology, University of Alberta, under the Terry Fox Special Initiatives Program. The

program is just one of the avenues of cancer research that have opened up because a courageous young man ran 3,339 miles and raised \$23 million.

Dr. Paetkau will use the grant over five years to do labor intensive work aimed at determining how the body's immune system can defend against tumor progression. The second aspect of the research is the development of methods to increase the success rate of induced tumor immunity.

In announcing the grant, as well as similar grants to two researchers in Toronto and a third in Halifax, Robert Macbeth, Executive Vice-President of the Canadian Cancer Society, said the thought behind the program is one of "Here's the money, let's get on with the job." Dr. Paetkau, of course, supports that thought, secure in the knowledge that "critical mass" has been attained. A particular project, he said, simply has to have a certain size and scope if it is to be widely recognized and maintained. Dr. Paetkau will be working in concert with six or seven other people and he plans to periodically bring in outside people for consultation, something that has been difficult to do in the past because of funding cutbacks.

Dr. Paetkau was one of twenty-

five applicants. Investigators in all fields of cancer research were eligible for the grants with the stipulation that the proposed research activities be conducted in Canada. Dr. Paetkau has a BSc from this University and an MSc and PhD from the University of Wisconsin. He was appointed Assistant Professor, Department of Biochemistry, University of Alberta in 1969, Associate Professor in 1973, and Professor in 1978.

A former Medical Research Council scholar, he has spent the past eight years on immunology and biochemical analyses of regulatory processes. These research interests have led him to the molecular and cellular studies of host-tumor interactions. □



Verner Paetkau addressing the news conference on 16 June 1981.

## Want a Triffid? Come to the Plant Auction

On Monday, 29 June, our University will hold an unusual auction in cooperation with the Alberta Government Services Sales Division—an auction of some 500 assorted house plants. The viewing will take place from 9 to 10 a.m. and the auction itself, conducted by Bob Fenske of Fenske Auctions (licence #1212 003087), will begin at 10 a.m.

There may be no triffids or long curling things that caress you in the dark, quiet hours of the early

morning, but come out to the University Greenhouse and see anyway. The Greenhouse, where the auction will take place, is located southwest of the 114 Street and 72 Avenue traffic circle. Bidders should enter by the Balmoral Curling Club and follow the signs.

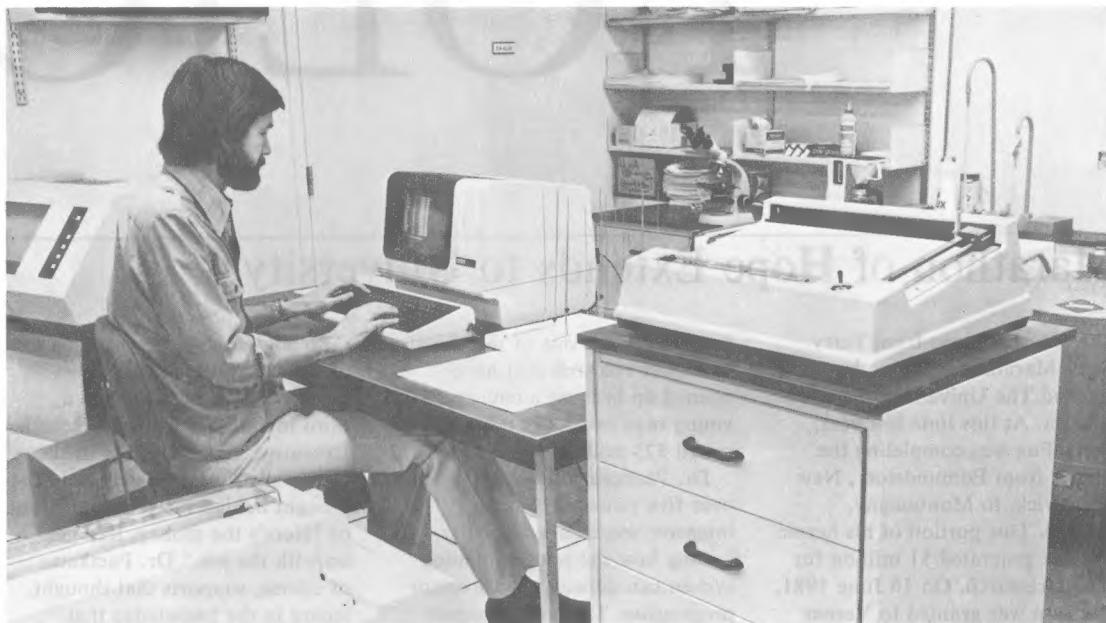
The terms of the auction are cash sales only. For further information, please telephone Purchasing/Administration at 432-3208. □

## New Chemistry Laboratory To Be Opened

In conjunction with the opening of its new Structure Determination Laboratory, the Department of Chemistry is holding a mini-symposium, "X-Ray: Molecular Structure," on Monday 29 June.

The mini-symposium is to begin at 9:45 a.m. and will conclude with the official opening of the Laboratory at 3:30 p.m. Invited speakers are Jon Clardy of Cornell University, "Use of X-Ray Diffraction in Natural Products;" J. M. Troup of the Molecular Structure Corporation, College Station, Texas, "Experimental Observation of Telerium Lone Pair, and Molybdenum-Molybdenum Triple and Quadruple Bond Electron Densities;" M.N.G. James of the Department of Biochemistry, "X-Rays (Proteases and the Hydrolytic Mechanism;" and M. Cowie of the Chemistry Department, "Small Molecule Activation by Metal Complexes: A Structural Perspective."

The Structure Determination Laboratory is a self-contained facility for single crystal X-ray crystallography. It is equipped with an Enraf-Nonius CAD4



Seated at the main controlling terminal of the Structure Determination Laboratory is Richard Ball, the Director of the new Chemistry facility.

microprocessor controlled diffractometer for collection of diffraction data. This unit communicates with a DEC PDP-11/34 computer which is also used for the complete structure solution and refinement procedure. Publication quality drawings of the

finished structure are prepared by computer on a Tektronix 4662 plotter while the printed results and reports are done on a medium speed Printronix line-printer/plotter. The Laboratory has complete facilities for crystal examination and manipulation and

will be adding a low temperature apparatus to the diffractometer in the near future.

Additional information about the mini-symposium can be obtained from either W.A. Ayer or W.A.G. Graham, both of the Chemistry department. □

## FOLIO

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All inquiries and correspondence should be directed to:

Folio  
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The Office of Community Relations produces Folio on a weekly basis for the staff and other interested persons

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## Gold Medal in Arts Awarded

The University of Alberta Gold Medal in Arts has been awarded this year to Morag Jean Carnie of the Department of English. Miss Carnie received the medal in recognition of her achieving the highest distinction in scholarship in the honors program within her Department in the academic session 1980-81. Inasmuch as the medal has been likened in honor to the Governor General's Gold Medal, the award received by Miss Carnie carries some prestige.

In the accompanying photograph, Miss Carnie is pictured as she received the medal from Dean White of the Faculty of Arts.



(From left to right): S. Qureshi, Associate Dean; J.S. McMaster, English; Miss Carnie; Dean White; R.G. Moyles, Associate Dean.

## University Engineer Recognized

Donald B. Robinson has been awarded the Centennial Medal by the Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA). The medal was presented to the Professor of Chemical Engineering at the APEGGA meeting held on 6 June 1981 at Jasper.

Dr. Robinson was born in Calgary in 1922 and, having gained baccalaureate and master's degrees at the University of British Columbia, won a PhD from the University of Michigan in 1949. In 1948, Dr. Robinson started employment at The University of Alberta as Assistant Professor in the Department of Chemical Engineering. In 1954, he was promoted to the rank of Associate Professor and, in 1958, to Professor. From 1958 to 1970, Dr. Robinson served as Department Chairman.

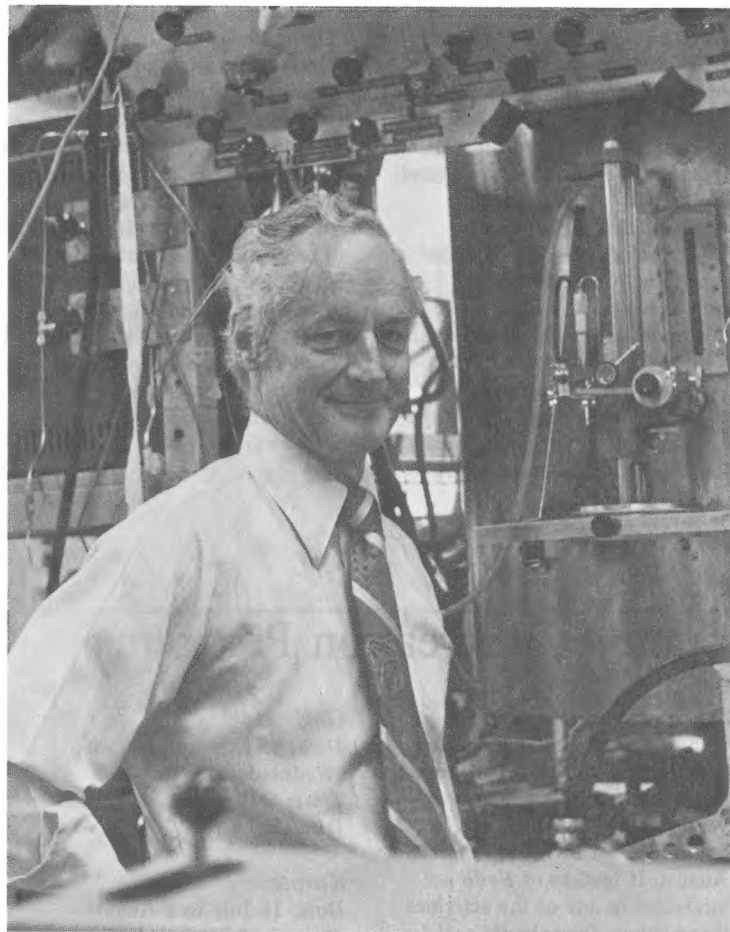
The APEGGA Centennial Medal is awarded to a member of the Association "who has attained unusual distinction in the arts, relating to the sciences of engineering, geology or geophysics; in the teaching in these fields, or who by reason of invention, research, original work or as an executive on projects of unusual or important scope, has made substantial contributions to the foregoing fields."

Dr. Robinson's nomination was admirably fitted to the criteria given above. From the time he resigned the chairmanship of his Department, Dr. Robinson has become ever more heavily involved in research into the properties and phase behavior of hydrocarbon fluids. He has concentrated particularly on systems containing related compounds such as nitrogen, hydrogen sulphide, carbon dioxide and water. "He has," according to the APEGGA award announcement, "established one of the top laboratories in the world for phase behavior research and his work has received continuing financial support from outside agencies."

Again, according to the

APEGGA announcement: "Within the past few years, the work of Dr. Robinson and his associates has resulted in the development of a simple yet reliable equation of state together with the necessary computer software to make it useful for design and engineering work related to the hydrocarbon recovery, transportation and processing industry. Computer programs on these endeavors are currently in use on a world-wide basis. This theoretical work, together with extensive experimental measurements, has resulted in the publication of over eighty-five research papers and reports within the past ten years.

In 1980, Dr. Robinson, who at one time was the first President of the Canadian Society of Chemical Engineering, was awarded the CSChE's R.S. Jane Memorial Award. That award too was presented to The University of Alberta engineer in recognition of his exceptional achievement in the field of chemical engineering in Canada. □



## Another Engineer Gains Teaching Professorship

Kenneth Walter Domier, a Professor in the Department of Agricultural Engineering, has been awarded the Faculty of Agriculture and Forestry Teaching Professorship for 1981-82. This Professorship has been established along the same lines as the more widely known McCalla Research Professorships and is supported by the same Endowment Fund for the Future. It recognizes the special interest placed in the establishment of the Endowment Fund by our land-orientated Faculty which for many years, has been closely associated with the University "farm." It was from the sale of a portion of that property that monies were derived to support the Endowment

Fund for the Future.

Dr. Domier is a native of Norquay, Saskatchewan, who gained baccalaureate and master's degrees from the University of Saskatchewan, in 1955 and 1957 respectively. Ten years later, already an Assistant Professor in the University of Manitoba's Agricultural Engineering Department, he gained a PhD from Michigan State University. For the next two years, from 1967 to 1969, he remained in Manitoba as Associate Professor. From 1965 to the time he left the University of Manitoba, Dr. Domier was Acting Head of his Department. In the first five years that Dr. Domier spent at The University of Alberta (1969-74), he

acted as Chairman of the Department of Agricultural Engineering and, then as now, held the rank of Professor. On completion of his term as Chairman, Dr. Domier passed a year in Sweden as Visiting Professor of the Swedish Institute of Agricultural Engineering in Uppsala.

During his time as Teaching Professor, Dr. Domier intends to improve the course content of four undergraduate courses and a graduate course—and this is an aim entirely consistent with the stated objectives of the Teaching Professorship that "teaching excellence should receive at least equal emphasis" as research activities.

Dr. Domier's primary interest

lies in the power and machinery areas of Agricultural Engineering. Since the introduction in 1979 of the BSc (Agricultural Engineering) program, rapid advances in both technology and instrumentation have necessitated (and continue to make necessary) revisions in the content of Dr. Domier's courses. A major emphasis in the laboratory exercises that he will improve during tenure of the Professorship will be techniques also of data acquisition and analysis.

Dr. Domier's work during the coming session will undoubtedly have a great impact on future

graduates of the Agricultural Engineering department and the Faculty of Agriculture and Forestry as a whole. As for his own professional development, Dr. Domier hopes to devote about five percent of the release time available to him to engage in research. Already widely published in professional journals, he is also active in disseminating knowledge of new advances to farmers and other agriculturalists at an applied level. Thus, it is expected that Dr. Domier will make good use of the Teaching Fellowship he has been awarded. □

## people

*Juliet McMaster*, Department of English, delivered two papers at the meetings of the Learned Societies at Dalhousie University this spring. The first was on "Romance and the Novel," part of a panel discussion on romance at the conference of the Association of Canadian University Teachers of English, and the second was on "The Victorian Country Estate: Anthony Trollope," for the Royal Society of Canada.

*Dhara S. Gill*, Department of Rural Economy, participated in a joint mission sponsored by the United Nations Development Program (UNDP) and the United Nations Food and Agriculture Organization (FAO) in Malawi during May and early June. The purpose of the mission was to review the growth and development of the teaching, research and development programs of the

Bunda College of Agriculture, University of Malawi, as well as to evaluate the FAO technical assistance program aimed at strengthening Bunda College. Information generated by the review mission will be used to advise the University of Malawi and FAO on further development of academic and other programs at the College of Agriculture.

*Edward Lozowski*, Division of Meteorology, Department of Geography, was elected President of the Canadian Meteorological and Oceanographic Society at the Society's 15th Annual Congress held in Saskatoon in May.

*Dallas Rabenstein*, Department of Chemistry, with J.S. Waugh of the Massachusetts Institute of Technology recently presented the S.M. McElvain Lectures in the Department of Chemistry, The University of Wisconsin, Madison.

*N.R. Morgenstern*, Department of Civil Engineering, has been awarded the Class of '25 Meritorious Service Medal by the University of Toronto Engineering Alumni Association. The award was made in recognition of Dr. Morgenstern's "outstanding achievements in and for the Profession as Professor of Civil Engineering and distinguished advisor to Consulting Engineers and International Agencies on a wide variety of problems in Engineering Earth Sciences."

*Karol Krotki*, Department of Sociology, became a member of a Committee Advisory to the Chief Statistician of Canada on census underenumeration and modes of correction of provincial and local data.

## Summer Recreation Programs

Once again, the University's Department of Athletic Services is offering a recreation program during the summer. As in past years, several activities will be featured from early July to mid-August. If readers of *Folio* are interested in any of the activities listed below, they should register as soon as possible, for space is limited. The programs are open to students, to the academic staff and to those of the non-academic staff and alumni who possess "privilege cards." Such cards may be obtained by calling in at the Department of Athletic Services, W1-34 Physical Education and Recreation Centre, during normal working hours. The telephone number is 432-3365.

### Archery

*Date:* 21, 28 July, 4 August.  
*Time:* 7 p.m. to 10 p.m.  
*Deadline:* 16 July.

### Badminton

*Date:* 20 July to 6 August (Tuesday and Thursday).  
*Time:* 6:30 p.m. to 8:30 p.m.  
*Deadline:* 16 July.

### Fitness

*Date:* 13 July to 5 August (Monday and Wednesday).  
*Time:* 12 noon to 1 p.m.  
*Deadline:* 9 July.

### Golf

*Date:* 15 July to 5 August (Wednesday).  
*Time:* 6:30 p.m. to 8:30 p.m.  
*Deadline:* 9 July.

### Karate

*Date:* 16 July to 6 August (Thursday).  
*Time:* 6:30 p.m. to 8:30 p.m.  
*Deadline:* 14 July.

### Racquetball

*Date:* 13 July to 29 July (Monday and Wednesday).  
*Time:* 5:45 p.m. to 7:15 p.m.  
*Deadline:* 8 July.

### Social Dance

*Date:* 27 and 29 July, 5, 10, 12, and 13 August.  
*Time:* 7 p.m. to 9 p.m.  
*Deadline:* 22 July.

### Squash

*Date:* 28 July to 12 August (Tuesday and Thursday).  
*Time:* 5:45 p.m. to 7:15 p.m.  
*Deadline:* 23 July.

### Tennis

*Date:* 13 July to 10 August; 14 July to 4 August.  
*Time:* 5 p.m. to 7 p.m. (Monday and Wednesday); 6 p.m. to 8 p.m. (Tuesday).  
*Deadline:* 8 July.

### Weight Training

*Date:* 15 and 16 July; 22 and 23 July.  
*Deadline:* 7 July.

### Softball

*Date:* 9 July to 13 August (Monday and Thursday).  
*Time:* 7 p.m. to 10 p.m.  
*Deadline:* 7 July.

For more information about these programs, please telephone Tracy David at 432-3614, or drop by the Men's Intramural Office in W-79 Physical Education and Recreation Centre. The office hours are 12 noon to 1 p.m. and 3:30 p.m. to 5 p.m. Beginning on 6 July, the office hours will be from 11:30 a.m. to 1 p.m. and from 4 p.m. to 5 p.m. □

## A Sociological Statistic

When the recent annual meeting of the Canadian Population Society was convened in Halifax, Nova Scotia, there were some forty-five people figuring in the scientific program. Of these people, fifteen were either from The University of Alberta or were graduates of our institution. □



## publications

Krotki, K. (Sociology) and Z. Khan: *The validity, reliability, and stability of Pakistan's life tables 1950-1972*. Research Report No. 113. Islamabad: Pakistan Institute of Development Economics, 1980.

Pagliaro, L.A. (Pharmacy): *Analysis of Computer Assisted Instruction in Pharmacology. Proceedings of the Western Pharmacology Society* 24 (1981) pp. 113-5.

— with L. Sheiner and L. Benet: *A Standard Approach to Compiling Clinical Pharmacokinetic Data. Journal of Pharmacokinetics and Biopharmaceutics* 9 (1981): pp. 59-127.

Sperber, G.H. (Oral Biology): *Craniofacial Embryology*<sup>3</sup>. Bristol, London, Boston: Wright P.S.G., 1981.

## service information

### Coming Events

#### Music

**Provincial Museum**  
28 June. 2 p.m. Conchita De Pechtel Spanish Dancers.

#### Jubilee Auditorium

26 June. 8 p.m. Chuck Girard in concert. Tickets: Inside Story and Canadian Bible Society.  
27 June. 1 p.m. St. Albert School of Dance. Tickets: at the door.  
28 June. 8 p.m. Roy Orbison in

concert. Tickets: Bass.  
30 June. 7 p.m. and 10 p.m. Air Supply in concert. Tickets: Bass.

#### Shadows at Waldens

Until 27 June. Brenda Morie-Gary Bowman Band.

#### Edmonton Musical Theatre

23 to 27 June. "The Musical World of Leslie Bricusse." Tickets: Bass and the Citadel Theatre Box Office.

### Films

#### National Film Theatre

25 June. 7:30 p.m. "Messidor." Switzerland (1979).  
9:40 p.m. "Legacy." U.S.A. (1975).  
26 June. 7:30 p.m. "Legacy." 9:10 p.m. "Messidor."  
28 June. 8 p.m. "About Chileans," documentary and drama shot in Chile and Canada.  
1 July. 7:30 p.m. "La divina creatura/ The Devine Nymph" Italy (1979).  
9:10 p.m. "My Brilliant Career" Australia (1979). All foreign language films are presented in the original version with English subtitles.

#### Provincial Museum

27 June. 2 p.m. "Coming Back Alive," "Song of the Paddle."  
28 June. 4 p.m. and 7 p.m. "Summer's Edge," "Bonjour Quebec," "Ontario Surprise," "Faces Ontario."  
1 July. 2 p.m. "Canada . . . A Holiday in Pictures," "Canada Impressions," "Highway One."

#### Edmonton Public Library

Mondays. 12 noon. Brown bag cinema. Centennial Library Theatre. Admission free.

### Theatre

#### Northern Light Theatre

Until 24 July. "St. Joan" by George Bernard Shaw.  
Until 25 July. "Mémor" by John Murrell. Connor's Hill Tent. Tickets: 429-3110.

#### Workshop West

3 and 4 July. Auditions will be held for the coming season's plays. For appointment call 424-2422.

### Exhibitions

#### Shadows at Waldens

Until 4 July. Paintings by Dale Travis.

#### Edmonton Public Library

**Foyer Gallery**  
Until 30 June. "Writing-On-Stone," an exhibition of work by Pat Gordon dealing with petroglyphs found in Writing-On-Stone Park in the Milk River Valley.

#### Photography Gallery

Until 30 June. "North American Nature Scenes," an exhibition of black and white photographs by Bruce Sheuermann.

#### Ring House Gallery

Until 30 June. "Candy Collages" by Franz Spohn. An exhibition of colour cake decorations applied over photographs and vintage postcards.  
28 June to 28 August. "Lansdowne Bird Paintings: 1958-1972" a collection of bird paintings by Victoria artist James Fenwick Lansdowne. (Gallery closed 1 July.)

#### Multicultural Heritage Centre

Until 30 June. Canada Week—ethnic meals and displays.  
Until 5 July. "Parkland Potters and Weavers" with sketches by Lori Davis.  
Until 7 July. "Heritage Days Photographs" by Helen Fitzpatrick, and "Nigerian Wood Sculpture" by Madukaego.  
*Settlers' Cabin* a "living museum" of pioneer and ethnic crafts.  
*Handicraft Store* features work by local artisans.

*Library and Archives* with pioneer photographs, tapes and maps.  
*Homesteaders' Kitchen* serves lunch daily (except Mondays) noon to 2 p.m., coffee and dessert 2 p.m. to 4 p.m., and dinner Thursday evening from 5:30 p.m. to 7 p.m.  
The Heritage Centre is located at 5411 51 Street, Stony Plain. Telephone: 963-2777.

#### Provincial Museum

Until 12 July. Chinese Canadian Heritage and Cultural Exhibition. Feature Gallery #2.  
Until 29 June. "Elitekey" an exhibition of Micmac culture. Feature Gallery #3.  
Continuing. "Canada!" a selection of photographs and poems from across the country. Orientation Gallery.

#### University Special Collections

Until 6 July. "Shakespeare: Printed, Performed and Perverted."  
Until 4 September. "William Cowper, English Poet—250th Anniversary." B37 Cameron Library: Opening hours 8:30 a.m. to 4:30 p.m. Monday to Friday.

#### Edmonton Art Gallery

Volunteer Tour Guides required. For information please call 429-6781.

#### Ukrainian Cultural Heritage Village

The Village is open to the public 10 a.m. to 6 p.m. daily until 31 August. It is located 45 km. east of Edmonton on Highway 16, and admission is free.

#### Alberta Natural Resources Science Centre

The Centre consists of six permanent pavilions with displays that describe and interpret how Alberta's natural resources are put to use. Opening hours are Saturdays and Sundays from 11 a.m. to 5 p.m. School tours are available Monday to Friday. Admission and parking are free. The Centre is

located east of Edmonton at the new Strathcona Science Park. For further information and bookings phone 427-9490.

#### Devonian Botanic Garden

The Garden will be open to the public from May to September as follows: Weekdays 10 a.m. to 4 p.m. Saturdays, Sundays and Public Holidays 12 noon to 6 p.m. Tours can be arranged by calling 987-3054.

#### Rutherford House, 11153 Saskatchewan Drive

The restored home of Alberta's first premier, A.C. Rutherford, is located on the University campus. Staff in period costumes show visitors through the house. Until Labor Day, open daily 10 a.m. to 8 p.m. Group tours may be arranged by calling 427-5708 at least one week in advance. Free.

### Lectures and Seminars

#### Department of Biochemistry

25 June. 4 p.m. R.C. Miller, Jr., University of British Columbia, will present a seminar entitled "The Transfer RNA Genes of *Drosophila*." 2-27 Medical Sciences Building.

#### Departments of Biochemistry and Immunology

26 June. 11 a.m. "The biology of the natural killer cell" will be presented by J. Roder, Queen's University, Kingston. 8-66 Medical Sciences Building.

#### Division of Biomedical Engineering and Applied Sciences

Two lectures will be presented by L. Burkinshaw, University of Leeds, U.K.  
29 June. 4 p.m. "In vivo neutron activation analysis for the measurement of body composition."  
30 June. 3 p.m. "Whole body radiation counters in the investigation of metabolic disease." Both lectures will take place in 10-115 Clinical Sciences Building.

### Children's Events

#### Provincial Museum

Saturday mornings. 10 a.m. Crafts program. For information please call 427-1766.

#### Edmonton Public Library

Saturdays. 10 a.m. Children's Cinema. Centennial Library Theatre.  
Saturdays. 1 p.m. Children's films and plays. Children's Library Theatre.  
29 June. 3 p.m. to 6 p.m. Teenagers are invited to audition for the voice cover for a television commercial. Interested persons should contact Iolani Domingo at 423-2331 to pre-register.

#### Department of Athletic Services

Until 22 August. A series of summer

# July 1981

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26	27 <sup>•</sup> FDC	28	22
			29

1981—From 16 to 25 July, The University of Alberta  
presence felt with a display booth set up in the Sales  
ordinated by the Office of Community Relations, there will  
display about our University and individual, rotating  
ring the Faculty of Pharmacy and Pharmaceutical Sciences,  
v Collections, Space Physics, the Faculty of Extension, the  
of Industrial and Vocational Education and the Office of  
Something for everyone—don't miss it!

wednesday

thursday

friday

saturday

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sports camps will be offered on campus to all children between the ages of eight and eighteen. For information, please call 432-5705 during office hours.

### Non-Credit Courses

#### Faculty of Extension

##### English as a Second Language

Courses will be offered in English as a second language during the summer term. Evening courses will run from 13 July to 26 August and daytime courses will run from 27 July to 26 August. The fee for each level course is \$65. For more information, please contact Professor Ruth Pearce, 432-2497, 432-3036, or 432-3116.

### Computing Services

#### Client Training Sessions

Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. For further information, please telephone Information Services at 432-2463 or come to 319 General Services Building.

#### Introduction to Computing

Course number: 591. Date: 3 July. Time: 10 a.m. to 12 noon. Fee: \$5. Place: 351 GSB.

#### MTS and Editor Fundamentals

Course number: 592. Date: 8 and 10 July. Time: 10 a.m. to 12 noon. Fee: \$10. Prerequisites: "Introduction to Computing" or equivalent working knowledge of a DECwriter terminal and MTS commands. Place: 351 GSB.

#### Efficient File Editing

Course number: 593. Date: 22 and 24 July. Time: 10 a.m. to 12 noon. Fee: \$10. Prerequisites: "MTS and Editor Fundamentals" course and a good working knowledge of the File Editor. Place: 327 GSB.

### Devonian Botanic Garden

#### "Pond Life"

Date: 4 July. Time: 10 a.m. to 3 p.m. Fee: \$12. Telephone: 987-3054.

### Division of Continuing Medical Education

#### Practical Electrocardiography

Date: 25 to 27 June. Fee: Physician \$80, Residents and Nurses \$50 (including materials and lunches). Telephone: 432-6349. Co-sponsored by Division of Cardiology, Royal Alexandra Hospital and Astra Pharmaceuticals Canada Ltd.

# Campus Tours

### Commencing July 6

Guided walking tours of The University of Alberta campus will be offered each day during the months of July and August.

Weekdays: 10:30 a.m., 1:30 p.m.

Saturday and Sundays: 1:30 p.m.

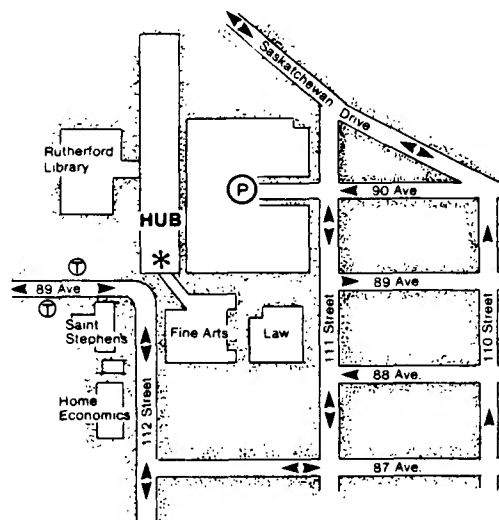
Tours begin at the south end of the HUB shopping concourse and are approximately 1½ hours in length.

For more information: Office of Community Relations  
432-2325

\* Tour starts here

Ⓣ Transit Zones

Ⓟ Entrance to parking



# Folio accepts display advertising

**Size and rates:** the basic unit size is 21 agate lines x 11 picas (1½" x 1⅞"). The full page is divided into 22 such units, any combination of which is available at a cost of \$15. per unit. Half page costs \$165. One column costs \$82.50. A professional/business card unit is available at a cost of \$30. Discounts are offered for extended runs, please enquire.

**Other specifications:** half-tones (100-line screen or less) are acceptable; no colour or bleeds. Camera-ready copy is necessary there is a charge of 30c per word for type-setting, and \$7.50 for adjustment of design work. Deadline for submission is one week prior to publication (Thursday, 3 p.m.). Acceptance of advertisements and positioning are at the discretion of the editor.

These rates are effective from 1 January 1981. For more information please telephone 432-2325 and ask about Folio display advertising or write to:

**Folio Display Advertising**  
Office of Community Relations  
423 Athabasca Hall  
The University of Alberta  
Edmonton, Alberta  
T6G 2E8



## Positions Vacant

### Head, Humanities and Social Sciences Library

The University of Alberta invites applications for the position of Head of the Humanities and Social Sciences Library. Principal duties consist of planning and organizing an active program of reference and information services; supervision of and participation in collection development activities; directing the work of twelve full-time librarian and nineteen support staff; administering one branch library and effective liaison with the Faculties served by the Library.

Professional library qualifications required. Preference will be given to a candidate with a degree in arts or social sciences and considerable experience in a humanities and social sciences library and in administration.

Salary according to experience and qualifications. Academic status, excellent fringe benefits, removal grant. Applicants should send curriculum vitae, transcripts of academic record, and the names of three references to Bruce Peel, Chief Librarian, University of Alberta, Edmonton, Alberta T6G 2J8. The

University of Alberta is an equal opportunity employer.

### Operation Engineer Biosciences Controlled Environment Facilities

*The Challenge:* Management, optimum energy operation and continual updating of multimillion dollar Controlled Environment Facilities consisting of plant and animal growth chambers, fresh water and marine aquaria, greenhouses and a human environment chamber.

*Background and Experience:* Requires professional training and experience in mechanical engineering or related discipline along with training in biological sciences environment studies. (Degree in Mechanical Engineering preferred.) Training in implementation of computer programs essential.

*Position open:* 1 August 1981.

*Starting Salary:* \$24,262/year, commensurate with experience.

Submit detailed résumé, including names of references, to: W.E. Randall, Faculty of Science Office, CW223 Biological Sciences Building, University of Alberta, Edmonton, Alberta T6G 2E9.

The University of Alberta is an equal opportunity employer.

### Non-Academic Staff Association Research Grievance Officer

The Non-Academic Staff Association, the Union representing 3,500 support staff at The University of Alberta, has a position available involving research in support of salary and benefit negotiations, dealing with members' problems, and handling grievances and adjudication hearings. Additional duties include responsibility for our computerized membership information system.

Applicants should have experience in a Union environment in one or more of the major areas listed above; or should have a degree in economics or business with specialization in labor relations.

This position has a salary range of \$22,217 to \$27,662 per year (under review) plus employer-paid long-term disability and dental plans. Please apply in writing to: George Walker, Manager, Non-Academic Staff Association, 8909 112 Street, Edmonton, Alberta, T6G 2C5, 439-3181, by 3 July 1981.

### Non-Academic Positions

To obtain further information on the following positions, please contact *Personnel Services and Staff Relations*, third floor, SUB, telephone 432-2501. Please do not contact the department directly. Positions available as of 18 June 1981.

Sales Clerk (\$830.15-\$893.47)—Bookstore  
Clerk Typist II (\$830.15-\$991.42)—  
Zoology; Central Stores; Provincial  
Laboratory (2 positions); Continuing  
Medical Education (Part-time);  
Purchasing  
Clerk Steno II (\$861.22-\$1,030.83)—  
Mechanical Engineering; Faculty of  
Extension (Part-time, recurring term  
\$516.73-\$618.49); Surgery; Elementary  
Education  
Library Clerk III (\$893.47-\$1,069.05)—  
Geography  
Senior Clerk Technical (\$893.47-  
\$1,069.05)—Technical Services  
(Graphics Division); Parking Services  
Switch Board Operator (\$893.47-  
\$1,069.05)—Administrative Services  
Senior Financial Records Clerk  
(\$922.13-\$1,109.66)—Office of the  
Comptroller; Physiology; Housing and  
Food Services—HUB Complex  
Clerk Typist III (\$922.13-\$1,109.66)—  
Central Stores; Office of Adminis-  
trative Systems; Office of the  
Comptroller  
Student Record Processing Clerk  
(\$959.16-\$1,157.44)—Education—  
Student Records Office  
Clerk Steno III (\$959.16-\$1,157.44)—  
Faculty of Nursing; Civil Engineering;  
Boreal Institute (2 positions); Political  
Science; Pharmacy; Rural Economy;  
Business Administration and  
Commerce; Law; Dentistry; Bio-

chemistry; East Asian Languages and  
Literatures; Mineral Engineering (2  
positions); Comparative Literature  
Accounts Clerk (\$991.42-\$1,205.22)—  
Office of the Comptroller (3 positions)  
Data Entry Operator II (\$991.42-  
\$1,205.22)—Computing Services  
Assistant to the Buyer (\$515.42-  
\$628.89)—Purchasing (Part-time)  
Medical Steno (\$515.42-\$628.89)—  
Medicine (Part-time)  
Library Assistant II (\$1,069.05-  
\$1,309.14)—Sociology  
Payroll Clerk (\$1,069.05-\$1,309.14)—  
Office of the Comptroller (Payroll  
Division)  
Administrative Clerk (\$1,069.05-  
\$1,309.14)—Physical Education;  
Personnel Services and Staff Relations  
Secretary (\$1,069.05-\$1,309.14)—Dean  
of Agriculture and Forestry; History;  
Physics, Cardiac Care Evaluation  
(Trust)  
Departmental/Executive Secretary  
(\$1,205.22-\$1,484.74)—Physical  
Education; Senate  
Art Technician Demonstrator I (\$654.57-  
\$808.67)—Art and Design (part-time,  
2 positions)  
Programmer/Analyst III (\$881.51-  
\$1,097.97)—Psychology (Part-time)  
Building Services Worker II (\$959.16-  
\$1,157.44)—Building Services (Physical  
Plant)  
Decontamination Services Worker I  
(\$1,030.83-\$1,257.77)—Radiation  
Control  
Storeman II (\$1,030.83-\$1,257.77)—  
Pharmacy; Central Stores  
Animal Technician I (\$1,069.05-  
\$1,309.14)—Bioscience Animal  
Services  
Technician I (\$1,069.05-\$1,309.14)—  
Provincial Laboratory; Mechanical  
Engineering (Term); Medicine (Trust);  
Home Economics  
Farm Technician (\$1,069.05-\$1,309.14)  
—Animal Science  
Chemical Technician I/Technologist I  
(\$1,069.05-\$1,484.74)—Microbiology  
(Trust)  
Building Service Worker III (\$1,069.05-  
\$1,309.14)—Physical Plant (Building  
Services)  
Technician I/Technologist I (\$1,069.05-  
\$1,484.74)—Plant Science (Trust/2  
Positions)  
Graphics Technician I/II (\$1,069.05-  
\$1,484.74)—Graphics  
Control Center Operator I (\$1,109.66-  
\$1,365.29)—Physical Plant (Operations)  
Senior Technical Assistant (\$1,109.66-  
\$1,365.29)—Physics  
Engineering Technologist I (\$1,157.44-  
\$1,423.29)—Physical Plant (Energy  
Management) (Term)  
Building Services Worker IV (\$1,157.44-  
\$1,423.29)—Physical Plant (Building  
Services)  
Laboratory Technologist I (\$1,205.22-  
\$1,484.74)—Provincial Laboratory  
(2 Positions)  
Security Officer I (\$1,205.22-\$1,484.74)  
—Campus Security (2 Positions)  
Electron Microscope Technician II  
(\$1,205.22-\$1,484.74)—Pathology  
Draftsman II (\$1,257.77-\$1,550.43)—  
Design and Construction

## Notices

### General Faculties Council

The next meeting of General Faculties Council will be held on Monday, 29 June 1981, at 9 a.m. in the Council Chamber, University Hall. The agenda for that meeting follows:

1. Approval of the Agenda
2. Approval of the Minutes of 25 May 1981
3. Question Period
4. New Members of GFC 1981-82

### Reports

5. Executive Committee Reports
  - 5.1 Executive Committee Minutes of 11 May 1981
  - 5.2 Executive Committee Minutes of 1 June 1981
  - 5.3 Executive Committee Minutes of 2 June 1981
  - 5.4 Executive Committee Minutes of 12 June 1981
6. Report of the Board of Governors
7. Report of the Nominating Committee
  - 7.1 Written Report
  - 7.2 Oral Report from Chairman
8. Oral Report from Planning and Priorities Committee (PPC)
9. Oral Report from Academic Development Committee (ADC)
10. Oral Report from the Facilities Development Committee (FDC)

### New Business

11. Business Management Proposed PhD Program: Recommendations from the GFC Planning and Priorities Committee (PPC)

12. GFC Equal Opportunities Committee (EOC): Supplementary Annual Report
13. Vice-President (Research) Membership on Committees: Proposal from the President
14. Council on Student Services (COSS): Annual Report for 1979-80
15. BFA Drama (Acting) Program: Change to Admission Requirements.
16. Faculty of Arts Honors Programs: Request for Approval of Cooperative Work Element
17. Faculty of Dentistry: Proposal to Change Academic Standing Regulations
18. Forest Resource Science PhD Program: Recommendation from Planning and Priorities Committee (PPC)
19. Undergraduate Teaching Awards: Recommendations from the GFC Committee for the Improvement of Teaching and Learning (CITL)
20. GFC Committee for the Improvement of Teaching and Learning (CITL): Annual Report 1980-81
21. Board-AASUA Agreement: Amendments to Agreement Concerning Administrative/Professional Officers and Librarians
22. Affiliation Agreement Evaluation Committee Report: Camrose Lutheran College
23. Calendar Review: Proposals from the Registrar
24. Other Business

Programmer/Analyst I (\$1,257.77-\$1,550.43)—Office of Administrative Systems  
 Art Technician Demonstrator I (\$1,309.14-\$1,617.33)—Drama (Term)  
 Dental Hygienist (Term) (\$1,309.14-\$1,617.33)—University Health Service  
 Electronics Technician II (\$1,309.14-\$1,617.33)—Chemistry  
 Administrative Assistant II (\$1,365.29-\$1,690.17)—Housing and Food Services; Faculté Saint-Jean  
 Applications Analyst (\$1,365.29-\$1,690.17)—Office of the Registrar  
 Maintenance Worker II (\$1,365.29-\$1,690.17)—Physical Plant (Grounds)  
 Technologist II (\$1,365.29-\$1,690.17)—Pediatrics (Trust)

Technologist II/III (\$1,365.29-\$1,690.17)—Plant Science (Trust)  
 Engineering Technologist III (\$1,484.74-\$1,843.07)—Design and Construction  
 Art Technician/Demonstrator II (\$1,484.74-\$1,843.07)—Drama  
 Programmer/Analyst II/III (\$1,484.74-\$1,843.07)—Office of the Registrar  
 Farm/Ranch Manager I (\$1,550.43-\$1,924.31)—Soil Science  
 Engineering Technologist IV (\$1,690.17-\$2,101.07)—Physical Plant (Energy Management)  
 Building Superintendent (\$1,617.33-\$2,009.10)—Physical Plant (Building Services)  
 Interior Designer II (\$1,617.33-\$2,009.10)—Design and Construction

Programmer/Analyst III (\$1,763.03-\$2,195.45)—Office of Administrative Systems  
 Programmer/Analyst IV (\$2,101.07-\$2,629.04)—Office of Administrative Systems (2 Positions); Educational Research  
 Controlsfitter (\$2,312.27/month)—Physical Plant (Maintenance)

*The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library—Room 512 should be consulted for further information as to availability and position requirements.*

Library Clerk II (\$830.15-\$991.42)  
 Periodicals Reading Room  
 Library Assistant I (\$959.16-\$1,057.44)—Circulation Services

For rent—Walk to University. Large, bright, furnished, one bedroom-basement suite. \$325. Available early July. 483-5029.

For rent—One bedroom, luxury, condominium, unfurnished, 15 June-15 August. Contact Brent Collingwood 455-4181 or 474-3507.

For sale—Garneau Gardens. 10611 84 Ave. Luxury condominiums. 2½% below prime financing. Underground parking, fireplaces, six appliances. Solarium windows. Possession 1 July. Two floor plans. Debra Lozinski 435-4869. Royal Trust.

For sale—Three bedroom, cedar townhouse. Excellent Hearthstone unit in Riverbend. Attached garage, fireplace, recreation room, sauna. Vendor will buy down mortgage. Faye Lund. Block Bros. 436-4240, 487-2422.

For sale—Three bedroom bungalow. South Windsor Park. By owner. No realtors. 433-6022.

For rent—Conveniently located home in residential area. Six minutes University. Three bedrooms, family room. Rumpus room, one bedroom in basement. Phone Joyce res. 435-1914, bus. 427-4536.

For sale—Belgravia. Four bedroom home. Beautiful location. Fully developed basement, cedar deck off family kitchen. Quality home ready to move in condition. Spencer Real Estate Ltd. Joyce Law 436-5250.

For sale—Grandview Drive. Builder-owner home. Breathtaking living, dining rooms, family kitchen, children's bedroom area with library student facilities. Ravine view! Spencer Real Estate Ltd. Joyce Law 436-5250, 436-7036.

For sale—Southgate location. Spotless, split level. Four bedrooms, 1½ baths, developed basement. Two car. Beautiful lot. July possession. \$124,900. Lange Realty. Jerry Wynn 437-0450, 463-0588.

For sale—Belgravia. Professionally remodelled. Four bedrooms. Two baths. Fireplace. New kitchen. Walk to University. Lovely lot. \$149,700. Lange Realty. Jerry 437-0450, 463-0588.

For rent—Parkallen. Three bedroom house. Available 1 July. \$630. 432-7296.

Pigeon Lake real estate. Homes, cottages, acreages, farms. One hour drive from Edmonton to beautiful lake, beaches, and golf courses. Call Eric Easterby 462-6760.

For rent—Large furnished basement suite. Windsor Park, adjacent to University. Prefer mature academic or professional single. Now available. Phone 433-0459 evenings or weekends. Share—Modern house, with male, \$300, three bedroom, two baths. 469-1179 evenings.

For sale—Lexington Green. Spacious, two-storey condominium. Good access to campus. Tastefully decorated. Open fireplace, patio, electric opener in garage. Three appliances included. Call Claire 487-0994, 429-0529.

## GARNEAU MEWS

25% Sold

Quarry Tile entries  
 Luxury appliances  
 Skylights  
 Vaulted ceilings

Prices from \$125,000

Solid oak cupboards  
 and vanities  
 Bay windows  
 Private yards or  
 balconies  
 Brick fireplaces

Information Centre

8327 112 Street  
 433-1411

2-8 p.m. Monday-Thursday  
 1-5 p.m. Saturday-Sunday

### Advertisements

*Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an alteration is made. Advertisements cannot be accepted over the telephone.*

### Accommodations available

For sale—By owner. Belgravia cul-de-sac. Unique, multi-level. Huge deck, balconies, fireplace. T.V., family, dining room. Jacuzzi. Five bedrooms. Many extras. Garage. \$195,000 firm. By appointment only. Phone 435-1265.  
 For rent—Furnished house, 8 August to 30 Sept. On ravine, five minutes from downtown. \$700 per month. References and deposit required. Phone 452-0281 days, 474-6665 evenings.

For rent—Blue Quill, furnished, three bedroom bungalow. 1 August 1981-1 March 1982. \$700. Phone 434-1775.

For sale—Good financing, Laurier bungalow. Bring offers. Resi Richter 483-9432, 455-4135. Weber.

For sale—Exclusive Belgravia. Four bedroom bungalow with family room. New kitchen, developed basement. Resi Richter 483-9432, 455-4135. Weber.

For sale—New listing. Windsor Park. Charming three bedroom bungalow. Garage. Resi Richter 483-9432, 455-4135. Weber.

For sale—View, ravine. Glenora. Four bedroom, colonial, 3,116'. Resi Richter 483-9432, 455-4135. Weber.

For rent—House, furnished, Petrolia, August 81-82. Three bedrooms, 1½ baths, on crescent, good schools. \$650. 435-7561.

Sublet—July, August. Furnished, bedroom in quiet, shared house. Lynn 433-6940. Garneau.

For rent—Two bedroom, sabbatical house. 15 August 1981-1 July 1982. Walk to campus. \$550 monthly. Phone 433-9938, 1-877-3933.

For sale—Lendrum, open beam, split level home. \$115,500. Located on quiet residential street. Easy access to University. Denise Rout 435-6355 Spencer Realty 436-5250.

#### Accommodations wanted

Couple doing graduate work looking to rent two bedroom house, close to University for one year beginning August/81. References available. T. Kotyshyn, 43 Oyen Crescent, Red Deer. T4P 1T3. 342-0375 collect. Responsible, visiting professor and family require three bedroom, furnished home. August 1981-August 1982. References. Reply to Dr. F. Ellyin, 2041 Bretagne, Sherbrooke, Quebec. J1J 1R5. Phone (819) 565-1099.

Sabbatical family wants 2/3 bedroom furnished house or apartment for one year. (Somewhat flexible) starting Sept. 1981. Price about \$600 monthly. 432-5382.

Wanted house, September-December only. University to Southgate area. No pets. One baby. John Simmons 463-2131 days, 434-6909 evenings.

Wanted for visiting Heritage Scientist to rent or lease 2-3 bedroom house near University for one year beginning 1 Sept. 1981. For details please call Dr. E. McCoy, Department of Pediatrics 432-6631.

#### Automobiles and others

1970 MGB. Wire wheels, overdrive, hard-top, new radials. One owner eleven years, 44,000 miles: Professor's ageing pet. \$2,900. 435-1636 evenings.

#### Goods for sale

Antiques; furniture, porcelain, glass, jewellery, silver, collectibles.

Appraisals executed for insurance and identification. 12-5 p.m. Mary Goulden Antiques, 10437 142 St. 453-2008, res. 452-8549.

Omega, Speedmaster, automatic, dive-proof, day-date, chronograph. Also, Omega Constellation megaquartz, accuracy unexcelled: one second per year. Both perfect. Half prices. 439-1433.

Fur coat, sacrifice: Moving south. Full length, dark brown nutria. Fur trimmed hood. New fall 1980. Value \$2,600—selling for \$1,600. 436-9097 evenings.

Furniture: excellent condition. Two sofas with matching chairs, double size box spring and mattress, lamps,

miscellaneous items. Res. 433-5591, bus. 432-2970.  
For sale—Piano, living room suite, beds, food processor, T.V. 487-9101.

#### Services

Donnic Typing Services Ltd. Specializing in word processing. 301A 10454 Whyte Avenue. 432-1419.

Kozak Business Services: Complete typing service available. Student discount. #305, 9924 106 Street. 433-3068, 487-1885.

Singing teacher, Eileen Turner. 439-4661. Typing on word processor. Call Darlene 452-1074.

Piano, theory lessons. Robert Gariepy 433-7238.

Typing and photocopying at mark 9, 9004 112 St. HUB Mall. Experienced thesis typists. 432-7936.

#### Good Neighbor Fence and Deck.

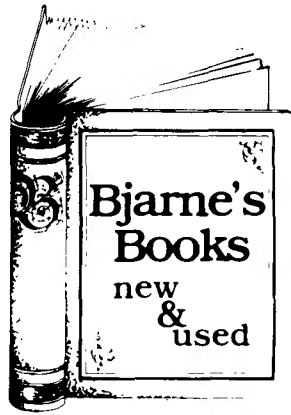
Quality workmanship for fences, decks, and custom construction projects. References. 465-7442.

Exterior painting. Excellent workmanship. Well experienced. 435-7157.

Wanted: Secretary. Duties include management of small office, with some typing and bookkeeping.

Competitive salary with full benefits. Call 434-4882 evenings.

Experienced English nanny, 25, seeks live-out childcare position commencing August. Telephone 435-1207 weekdays.



10005 - 82 Avenue  
439-7133

### Chuck Newhouse Builders Ltd. Home Energy Conservation Specialists

- Home Energy Analysis
- Manufacturers of *Thermo-Vest*—Hot Water heater insulating vest
- General Contractors: renovations, additions, new construction

Phone: 478-2885

After hours: 475-0965

## Summer Fitness Programmes

### Registering Now!

Get into the fitness movement,  
Learn: How to exercise safely  
How little you really need to do  
How to monitor your progress

*We specialize in gently introducing  
the unfit person to regular exercise*

Join us—you'll find it sensible and convenient  
if not downright enjoyable.

Courses in the • Early Morning • Lunch Hour • After Work  
Fees for all courses \$39.50 for twenty lessons  
(Special discount plan for people going on vacation)  
A campus-wide mailing of information now in progress.

Call 435-8984 or 432-3365 for information  
*Don't delay, classes fill quickly.*



## SUMMER CLEARANCE

starts Wednesday, June 24th

dresses from \$20!  
 suits from \$50!  
 skirts from \$10!  
 pants from \$15!

plus

blouses 2 for 1!  
 (you pay the higher price)

Shop early for best selection

8908 HUB Mall

433-5226

# FOLIO

## Order for Personal Advertisements

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

*Folio*, The University of Alberta newspaper, is published every Thursday. All advertisements and requests to cancel advertisements must be received in the Office of Community Relations (423 Athabasca Hall) by 3 p.m. the Thursday prior to publication. All advertisements must be paid for in full at the time of their submission. No advertisements will be accepted via the telephone.

*Rates*

- The cost is 30 cents per word with no discount for extended runs.
- There is a minimum charge of \$1.50.
- Advertisers' corrections are assessed at \$1.50.

*Length*

- The maximum length of any advertisement is 30 words.
- Every word and abbreviation must be counted (although no charge is made for punctuation).
- Hyphenated words count as two words.
- A group of figures written together, or a telephone number, counts as one word.
- Initials and names must be counted but two or three initials together count as one word.

*Some examples*

- |                   |           |
|-------------------|-----------|
| one-bedroom       | (2 words) |
| \$100 month       | (2 words) |
| 4x7 feet          | (2 words) |
| 17 July           | (2 words) |
| 17 July 1979      | (3 words) |
| 17 July-18 August | (4 words) |
| \$29.95           | (1 word)  |
| \$2,935           | (1 word)  |
| (604) 432-4991    | (1 word)  |
| \$.50             | (1 word)  |
| 1½                | (1 word)  |
| 8¾ percent        | (2 words) |
| A.B. Jones        | (2 words) |
| Allen B. Jones    | (3 words) |
| 13411-102 Ave.    | (2 words) |

Mail or deliver this form to:  
Advertisements Folio  
The Office of Community Relations  
423 Athabasca Hall  
The University of Alberta  
Edmonton, Alberta  
T6G 2E8  
Enquiries, 432-2325

*Please check the appropriate section in which the notice is to appear. Write one word in each space. Calculate the cost of your advertisement below.*

- ☐ Accommodations available
- ☐ Accommodations wanted
- ☐ Automobiles and others
- ☐ Goods for sale
- ☐ Services

				5
				10
				15
				20
				25
				30

*Assessment*

\_\_\_\_\_ 30 cents  
\_\_\_\_\_ X \_\_\_\_\_  
words rate

Total, which is enclosed = \_\_\_\_\_

*Date(s) to be run*

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*For office use only*

Receipt number \_\_\_\_\_  
Cheque \_\_\_\_\_  
Cash \_\_\_\_\_